

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SW 1/4 NW 1/4 Sec S Twp 4N Rg 2EWell Owner: Hugh McArthur

County

Lawrence

North

Please mark well location with an "X"

W

E

Well completion Date

10-1-18

1 Mile

Distance to nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)

? 150 ft. from drain field (identify source)

PROPOSED USE:

☒ Domestic/Stock well
☐ Irrigation
☐ Municipal
☐ Industrial
☐ Business
☐ Institutional
☐ Test Holes
☐ Monitoring

METHOD OF DRILLING:

Cable Tool

CASING DATA:

☒ Steel ☐ Plastic ☐ Other
 If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>23</u> LB/FT	<u>7</u> IN	<u>1 1/2</u> SURF	<u>45</u> FT	<u>10" to 25"</u>
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Portland</u>	<u>10</u>	<u>15.6</u> Lb/gal	<u>0</u> FT	<u>25</u> FT
		Lb/gal	FT	FT

Describe grouting procedure pumped Through Trimmer hose

SCREEN:

☒ Perforated pipe ☐ Manufactured
 Diameter 7 Inches Length 5 Feet
 Material steel
 Slot Size 3/16" x 6" Set From 34 Feet to 44 Feet
 Other information _____

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material? _____

Describe packer(s) and location _____

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? chlorinated
☐ No, Why Not? pump not installed
 Lab sample sent to for water quality analysis _____

WELL LOG:

DEPTH

FORMATION

FROM

TO

Top soil	0	3
clay & broken L.S.	3	45
Green shale	44	45

STATIC WATER LEVEL

16

FEET

If flowing: closed in pressure

PSI

GPM flow

through

Inch pipe

Controlled by

☐ Valve☐ Reducers☐ Other

Reduced flow rate

GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped

Describe: _____

☒ Bailed☐ Other

Pumping Level Below Land Surface

20

Ft. After

1

Hrs. pumped

15

GPM

Ft. After

Hrs. pumped

GPM

If pump installed, pump rate:

GPM

REMARKS

This well was drilled under license # 668

And this report is true and accurate.

Drilling firm:

Cameron Drilling

Signature of License Representative:

Donald M. Cameron

Signature of Well Owner or Equitable Property Holder:

RECEIVED

JAN 11 2019

Date:

523 E Capitol Ave.

Pierre SD 57501

WATER RIGHTS PROGRAM

Please return WHITE COPY to: DENR Water Rights